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☐	L1	6535713.pn.	1

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L7: Entry 1 of 2   File: USPT   Nov 27, 2001

DOCUMENT-IDENTIFIER: US 6322365 B1
TITLE: Network-linked laser target firearm training system

Application Filing Date (1):
20000225

Brief Summary Text (3):
The present invention relates to a firearm training system employing laser-emitting
firearms and laser-detecting targets, and, more particularly, to a training firearm
having a laser module that emits laser pulses along a centerline of the barrel of
the firearm toward a laser-detecting target which may be linked via a computer
network to similar, remotely-located training systems.

Detailed Description Text (2):
The firearm training system of the present invention includes a training firearm
which emits a laser pulse when fired under conditions closely simulating the firing
of a projectile, a target adapted to detect laser pulses, and a computer system
which determines and stores information relating to laser pulse detections, which
system may be linked via a network to similar, remotely-located training systems.

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L7: Entry 2 of 2   File: DWPI   Jan 24, 2002

DERWENT-ACC-NO: 2002-179195
DERWENT-WEEK: 200223
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TITLE: Internetworked augmented reality (AR) system for e.g. training, maintenance,
high performance computing has network that connects at least one remote station
and at least one local station

PF Application Date (1):
20000203

PF Application Date (2):
20000224

PF Application Date (3):
20000327

Standard Title Terms (1):
AUGMENT AR SYSTEM TRAINING MAINTAIN HIGH PERFORMANCE COMPUTATION NETWORK CONNECT
ONE REMOTE STATION ONE LOCAL STATION

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L5: Entry 4 of 4   File: USPT   Dec 24, 2002

DOCUMENT-IDENTIFIER: US 6497655 B1
TITLE: Virtual remote monitor, alert, diagnostics and programming for implantable medical device systems

Brief Summary Text (33):
Another related prior art is disclosed in U.S. Pat. No. 5,810,747 by Brudny et al. issued on Sep. 22, 1998. The invention relates to an interactive intervention training system used for monitoring a patient. An expert system and a neural network determine a goal to be achieved during training.

CLAIMS:

1. An interactive remote diagnostics, monitoring and prescriptive programming system wherein a remote web-based expert data center is linked to a web-compatible interface medical device for an implantable medical device (IMD) to implement programming of the IMD, the system comprising: a web-compatible interface medical device providing data communication with the IMD over a telemetry link; a remote web-based expert data center; and a bi-directional communication link established on demand between the web-compatible interface medical device and the remote web-based expert data center; the web-compatible interface medical device accessing the remote web-based expert data center in real time via the bi-directional communication link and accessing the IMD in real time via the telemetry link; the remote web-based expert data center having a plurality of software modules operating to collect, manage, perform high-yield chronic evaluation and analysis for providing real time delivery of clinical care and therapy to a patient, wherein one of the software modules includes a virtual electrophysiologist module (VEM) to provide monitoring of IMD data relating to operational and functional parameters of the IMD and to provide data to adjust operational and functional parameters of the IMD; the VEM having program logic to analyze the IMD data, perform tests on the data, and execute diagnostic routines based on the data; the VEM being adapted to provide a recommendation for adjustments to the IMD operational and functional parameters; and the VEM including a physician activated override to modify the recommendation for adjustments to the operational and functional parameters of the IMD.

11. An interactive system wherein a remote web-based expert data center is linked to at least one web-compatible interface medical device for at least one implantable medical device (IMD) to implement remote chronic monitoring of a patient, the system comprising: at least one web-compatible interface medical device providing data communication with at least one IMD over a telemetry link; a remote web-based expert data center; and a bi-directional communication link established on demand between the at least one web-compatible interface medical device and the remote web-based expert data center; the at least one web compatible interface medical device accessing the remote web-based expert data center in real time via the bi-directional communication link and accessing the at least one IMD in real time via the telemetry link; the remote web-based expert data center having a plurality of software modules wherein one of the software modules includes a chronic monitoring module (CMM) to provide chronic monitoring of a patient by obtaining data relating to a medical event from the at least one IMD via the at

least one web compatible interface medical device; the CMM being adapted to
evaluate the medical event and determine if a warning alert is needed and if the
medical event is related to a cardiac event; and the CMM being adapted to provide a
warning alert to the at least one web compatible interface medical device over the
communication link.

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L5: Entry 3 of 4   File: PGPB   Mar 14, 2002

DOCUMENT-IDENTIFIER: US 20020032762 A1
TITLE: System and method for remotely configuring testing laboratories

Abstract Paragraph:
The invention provides a system for remotely configuring a plurality of devices to
customize a lab network system for testing components and for training operators to
use and maintain such systems. The system is configured to remotely access and
control such a system via a computer network such as the Internet. Once connected,
a user can run testing scenarios on the configured devices remotely from any
location that has access to the Internet. In accordance with the invention, an
organization's network equipment is integrated with specialized physical switching
technologies, and controlled by unique management software. Access to the network
equipment may be provided remotely, and granted via a scheduling service. Thus,
multiple physical equipment labs can be integrated into one globally, visible
resource, enabling one-stop scheduling of lab time without knowing the detailed
inventory of a particular network equipment facility. Storage capability is
provided for network topologies described using a standards-based topology
description language. This topology archive is integrated with the equipment lab
management software allowing lab efforts to be saved for later reuse. In addition
to topology and configuration information, complete session logs can also be saved,
allowing "offline" analysis of lab activities. Network topologies and device
configurations may be uniquely specified using a provided authoring environment to
facilitate customized lab configurations.

Summary of Invention Paragraph:
[0007] There exists a need for standardizing such facilities to facilitate the
testing of components and systems, while providing a remote interface to allow
users to access these facilities remotely to configure the facilities for testing
and support, and for training people to use these systems in these facilities,
thereby steadying the rising development and testing costs. It is to these ends
that the present invention is directed.

Summary of Invention Paragraph:
[0008] The invention provides a system for remotely configuring a plurality of
devices to customize a lab network system for testing components and for training
operators to use and maintain such systems. The system is configured to remotely
access and control such a system via a computer network such as the Internet. Once
connected, a user can run testing scenarios on the configured devices remotely from
any location that has access to the Internet.

Detail Description Paragraph:
[0040] The system 12 is designed to archive network designs, problems, solutions,
training exercises, best-practice scenarios, and the like. The system 12 is also
designed to extract the state of a network topology being executed in a physical
lab, so that the work performed by users of a lab can be maintained and reused.
When an access session is concluded, the user may be presented the opportunity to
archive the complete session. This archive may include the initial NDL description
of the scenario, the configuration of devices and interfaces at the end of the
session, and the complete logs of all interactions with all devices during the